

# **ABSTRACT**

A current supply system includes one or more, or a plurality of current supply modules that each includes an input terminal and an output terminal and that each has a maximum output power. Multiple current supply modules are electrically combined to form  
5 a current supply unit having a maximum output power that is greater than the maximum output power of the individual current supply modules, and a control unit is connected to the current supply unit. A data connection connects the control unit to all the current supply modules of the current supply unit.

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